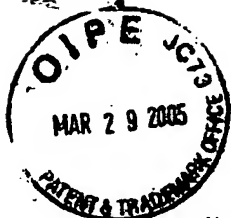


UNITED STATES PATENT & TRADEMARK OFFICE
Washington, D.C. 20231

5/25/05

REQUEST FOR PATENT FEE REFUND			
1 Date of Request: <u>5/29/05</u>		2 Serial/Patent # <u>12/517867</u>	
3 Please refund the following fee(s):		4 PAPER NUMBER	5 DATE FILED
<input checked="" type="checkbox"/> Filing <u>Fee Charge</u>			6 AMOUNT
<input type="checkbox"/> Amendment			\$ <u>100</u>
<input type="checkbox"/> Extension of Time			\$
<input type="checkbox"/> Notice of Appeal/Appeal			\$
<input type="checkbox"/> Petition			\$
<input type="checkbox"/> Issue			\$
<input type="checkbox"/> Cert of Correction/Terminal Disc.			\$
<input type="checkbox"/> Maintenance			\$
<input type="checkbox"/> Assignment			\$
<input type="checkbox"/> Other			\$
		7 TOTAL AMOUNT OF REFUND	
		\$ <u>100</u>	
8 TO BE REFUNDED BY:			
9 REASON:		Treasury Check	
<input checked="" type="checkbox"/> Overpayment		Credit Deposit A/C #:	
<input type="checkbox"/> Duplicate Payment		9 <u>19</u> -- <u>4880</u>	
<input type="checkbox"/> No Fee Due (Explanation):			
11 REFUND REQUESTED BY:			
TYPED/PRINTED NAME: <u>Rita White</u>		TITLE: <u>Legal Assistant Examiner</u>	
SIGNATURE: <u>Rita White</u>		PHONE: <u>7/308-9140 ext 23</u>	
OFFICE: <u>DO/EO</u>			
***** THIS SPACE RESERVED FOR FINANCE USE ONLY: *****			
APPROVED: _____		DATE: _____	

Instructions for completion of this form appear on the back. After completion, attach white and yellow copies to the official file and mail or hand-carry to:



\$100

 Dep't Ref
 DIVISION
 RM 807

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 2005 APR -1 PM 12:48

In re application of

Docket No: Q85358

Nobuyuki SUDA

Appln. No.: 10/517,867

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: December 16, 2004

For: TIRE CONSTRUCTION MEMBER PRODUCING METHOD AND DEVICE
THEREFOR

REQUEST FOR REFUND

MAIL STOP 16

 Director of the U.S. Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Applicants hereby respectfully request a refund in the amount of \$100.00. This refund is to be credited to Deposit Account No. 19-4880.

Applicants believe that revised 37 C.F.R. § 1.492 allows reduced search and examination fees for applications in which the national fee was not filed before December 8, 2004. The above-referenced application was filed on December 16, 2004, with a copy of the International Search Report. (A copy of the copy of transmittal letter and PTO stamped Serial Number Card is attached.) Therefore, Applicants believe they are entitled to the reduced fee. A duplicate copy of this paper is attached.

Respectfully submitted,

 Steven M. Gruskin
 Registration No. 36,818

 SUGHRUE MION, PLLC
 Telephone: (202) 293-7060
 Facsimile: (202) 293-7860

 Repln. Ref: 05/25/2005 RWHITE1 0012054000
 DA#1940003 NAME/Number:10517867
 FC: 9204 CUSTOMER NUMBER \$100.00 CR

 Adjustment date: 05/25/2005 RWHITE1
 12723/2004 GFREY1 00000037 10517867
 02 FC:1632 -500.00 OP

Date: March 29, 2005

05/25/2005 RWHITE1 00000003 10517867

01 FC:1642

400.00 OP



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q85358

Nobuyuki SUDA

Appln. No.: 10/517,867

Group Art Unit: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Filed: December 16, 2004

For: TIRE CONSTRUCTION MEMBER PRODUCING METHOD AND DEVICE
THEREFOR

REQUEST FOR REFUND

MAIL STOP 16

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Applicants hereby respectfully request a refund in the amount of \$100.00. This refund is to be credited to Deposit Account No. 19-4880.

Applicants believe that revised 37 C.F.R. § 1.492 allows reduced search and examination fees for applications in which the national fee was not filed before December 8, 2004. The above-referenced application was filed on December 16, 2004, with a copy of the International Search Report. (A copy of the copy of transmittal letter and PTO stamped Serial Number Card is attached.) Therefore, Applicants believe they are entitled to the reduced fee. A duplicate copy of this paper is attached.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Steven M. Gruskin".

Steven M. Gruskin
Registration No. 36,818

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: March 29, 2005



REQUEST FOR EARLY NOTIFICATION OF SERIAL NUMBER

Inventor: Nobuyuki SUDA

Title: TIRE CONSTRUCTION MEMBER PRODUCING METHOD AND
DEVICE THEREFOR

Atty Doc. #: Q85358 Client: SUGIMURA INTERNATIONAL PATENT
& TRADE MARK AGENCY BUREAU

Assignee: BRIDGESTONE CORPORATION

Filing Date: December 16, 2004 # Pgs. Spec/Abst: 17/1 #Claims: 13

Dwg. Sheets: 7 Decl NO Prelim Amdt YES

IDS/Prior Art: YES Pr Doc: NO Asgmt: NO Fee: \$1,000.00

☒ Check Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: SMG:lef

DT07 Rec'd PET/PTO 16 DEC 2004

SERIAL NO.:

10/517867

CONF. NO.:

Repln. Ref: 05/25/2005 RWHITE1 0012054000
DAH:194880 Name/Number:10517867
FC: 9204 \$100.00 CR



Steven M. Gruskln
Direct Dial: (202) 663-7372
E-Mail: sgruskln@sughrue.com

December 16, 2004

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213
T 202.293.7060
F 202.293.7860

401 Castro Street
Mountain View, CA 94041-2007
T 650.625.8100
F 650.625.8110

AIG Bldg. 14F
1-1-3 Marunouchi
Chiyoda-ku Tokyo 100-0005
Japan
T 03.5220.0200
F 03.5220.0222

www.sughrue.com

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PCT/JP03/07581
-filed June 13, 2003

Re: Application of Nobuyuki SUDA entitled
"TIRE CONSTRUCTION MEMBER PRODUCING
METHOD AND DEVICE THEREFOR"
Assignee: BRIDGESTONE CORPORATION
Our Reference: Q85358

Sir:

The following documents and fees are submitted herewith in connection with the subject application for the purpose of entering the National Stage under 35 U.S.C. §371 in accordance with the Patent Cooperation Treaty:

- ☐ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ Seven (7) sheets of drawings illustrating Figs. 1, 2, 3(a), 3(b), 4(a), 4(b), 4(c), 4(d) and 5-8.
- ☐ an English translation of Article 19 claim amendments.
- ☐ an English translation of Article 34 amendments (annexes to the IPR).
- ☐ a copy of the executed Assignment and Form PTO-1595.
- ☒ an Information Disclosure Statement and Form PTO/SB/08 A & B (modified) listing the ISR/IPER references.
- ☒ a copy of each reference cited in the ISR/IPER.
- ☒ a Preliminary Amendment.
- ☒ It is expressly requested that National Stage processing be commenced immediately in accordance with 35 U.S.C. §371(f).



INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07581

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ B29D30/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl⁷ B29D30/30, 30/38, 30/46

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1926-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 492918 A2 (BRIDGESTONE CORP.), 01 July, 1992 (01.07.92), Full text & US 5328532 A & JP 4-226742 A	1-13
A	US 3826297 A (THE STEELASTIC CO.), 30 July, 1974 (30.07.74), Full text & JP 49-76978 A	1-13
E, A	WO 02/55289 A1 (Bridgestone Corp.), 18 July, 2002 (18.07.02), Full text (Family: none)	1-13

☒ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search
02 September, 2003 (02.09.03)

Date of mailing of the international search report
16 September, 2003 (16.09.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.